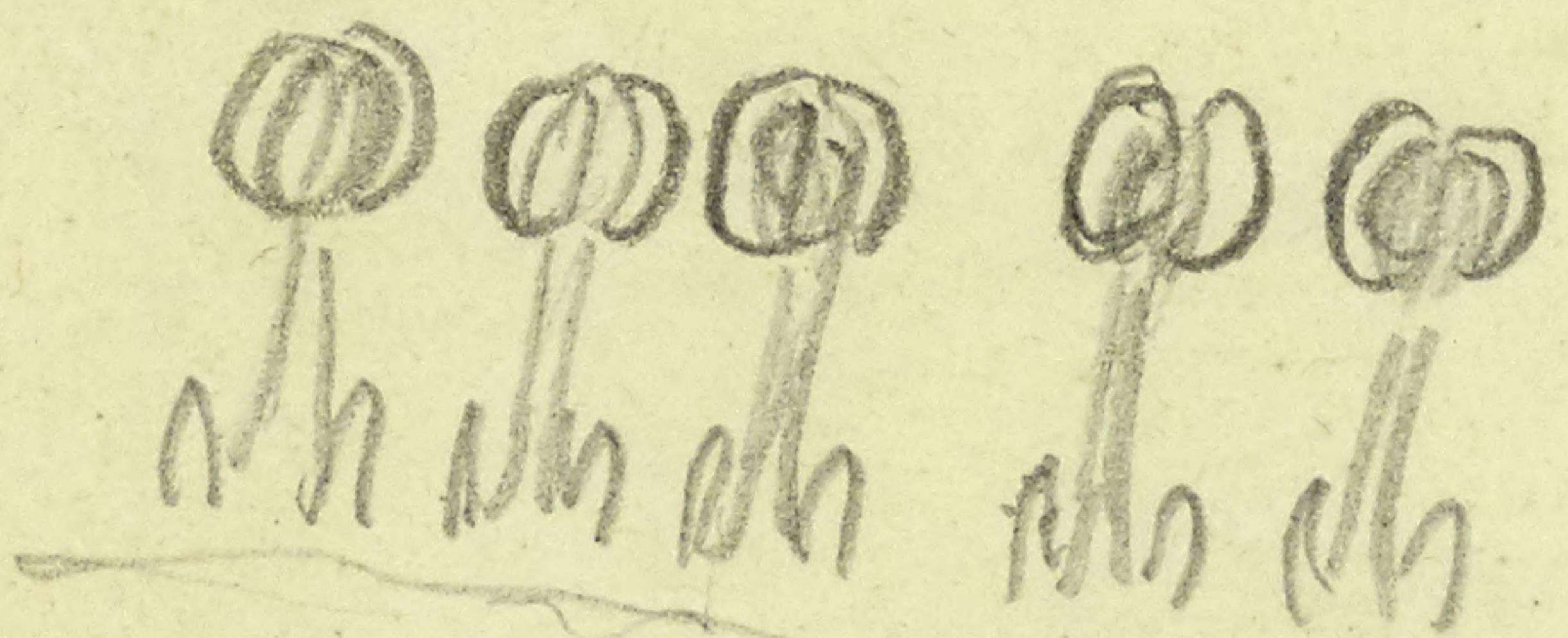
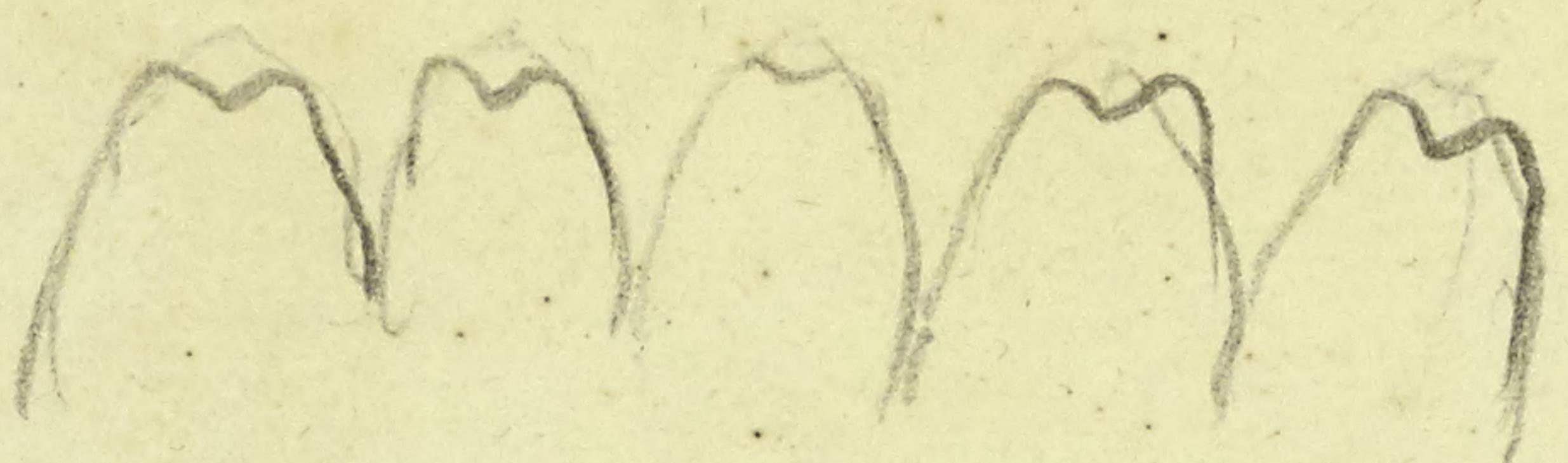


GEORGE ENGELMANN
BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Hemimallis Ellisia umbrosa
dry specimen
St Louis May 1860

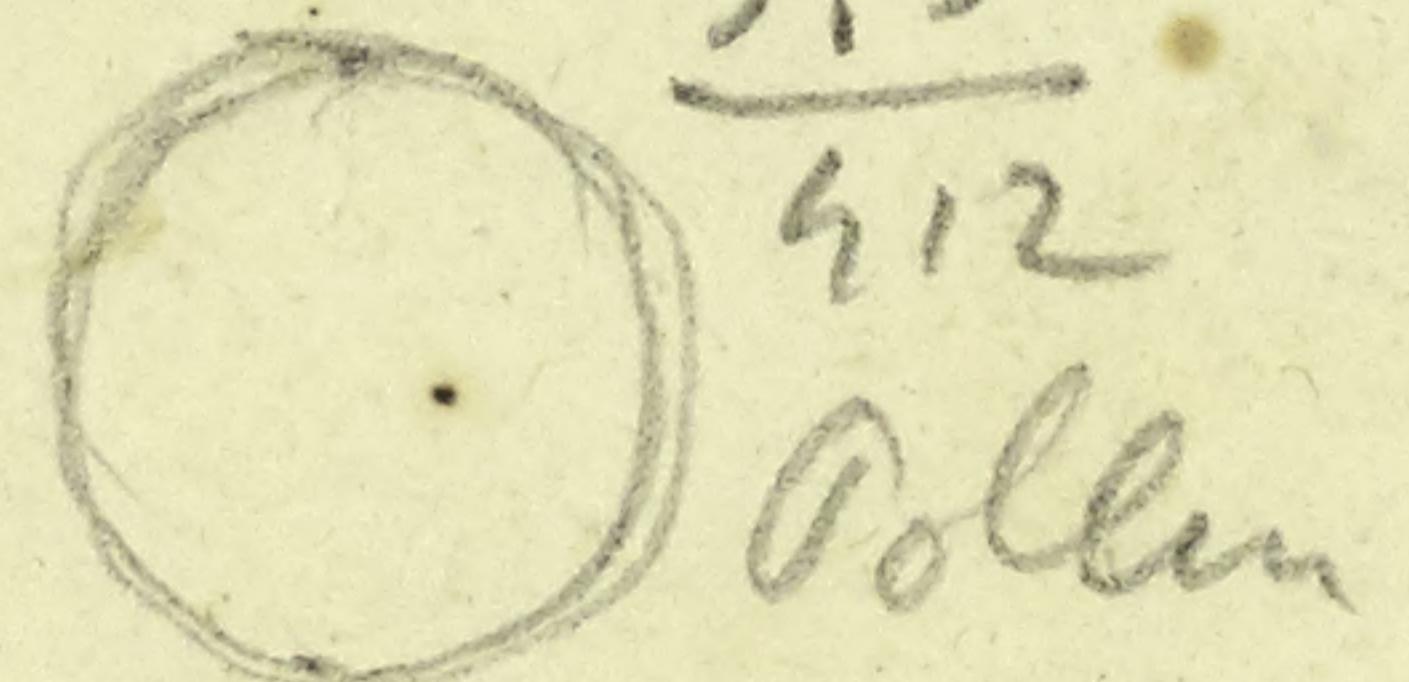


each stem at
base with 2

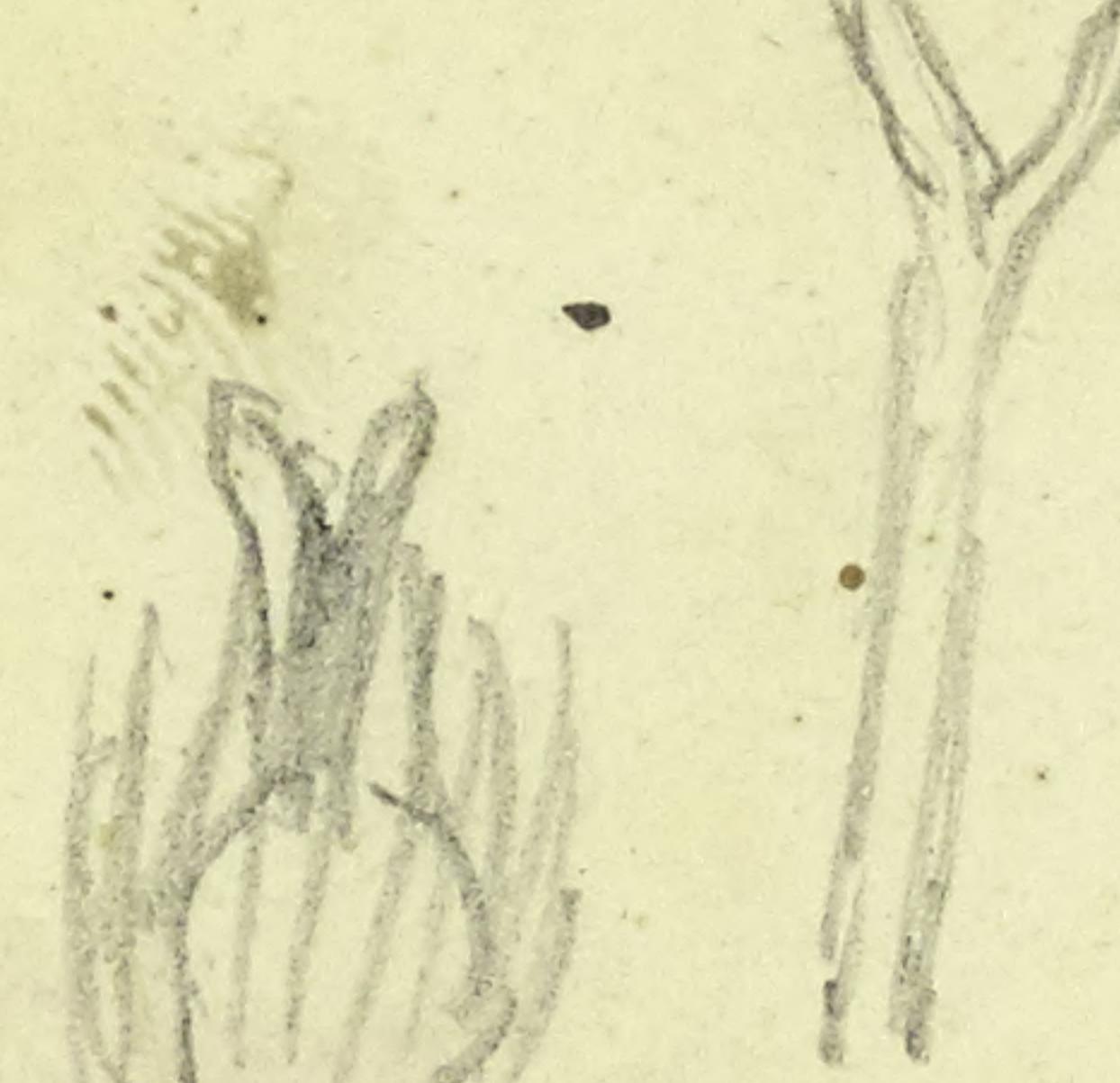
stems



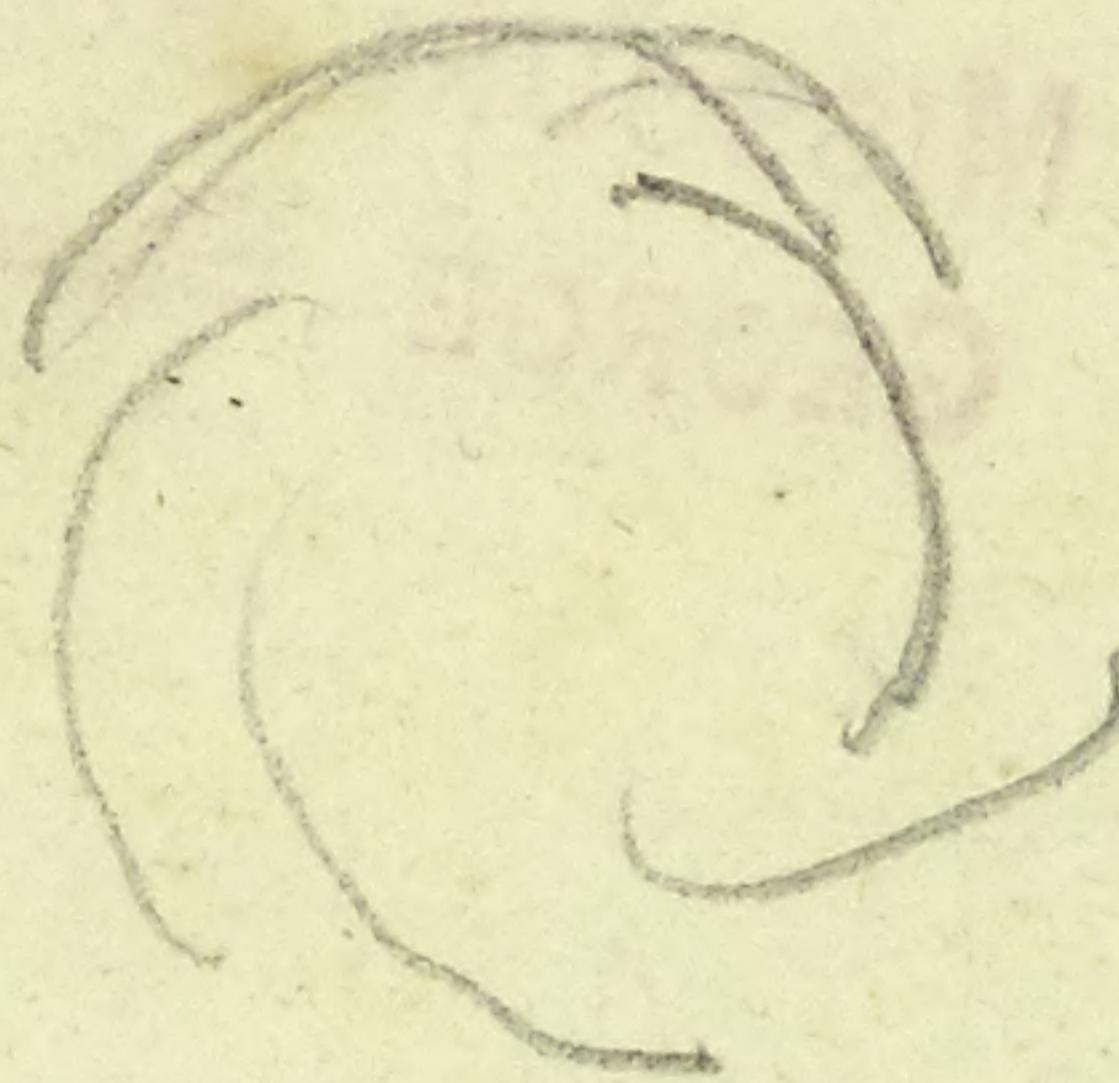
roll a little
longer than Calyx or in first flower
no appendage of
Skins of Calyx



$\frac{5.5}{412}$
Pollen



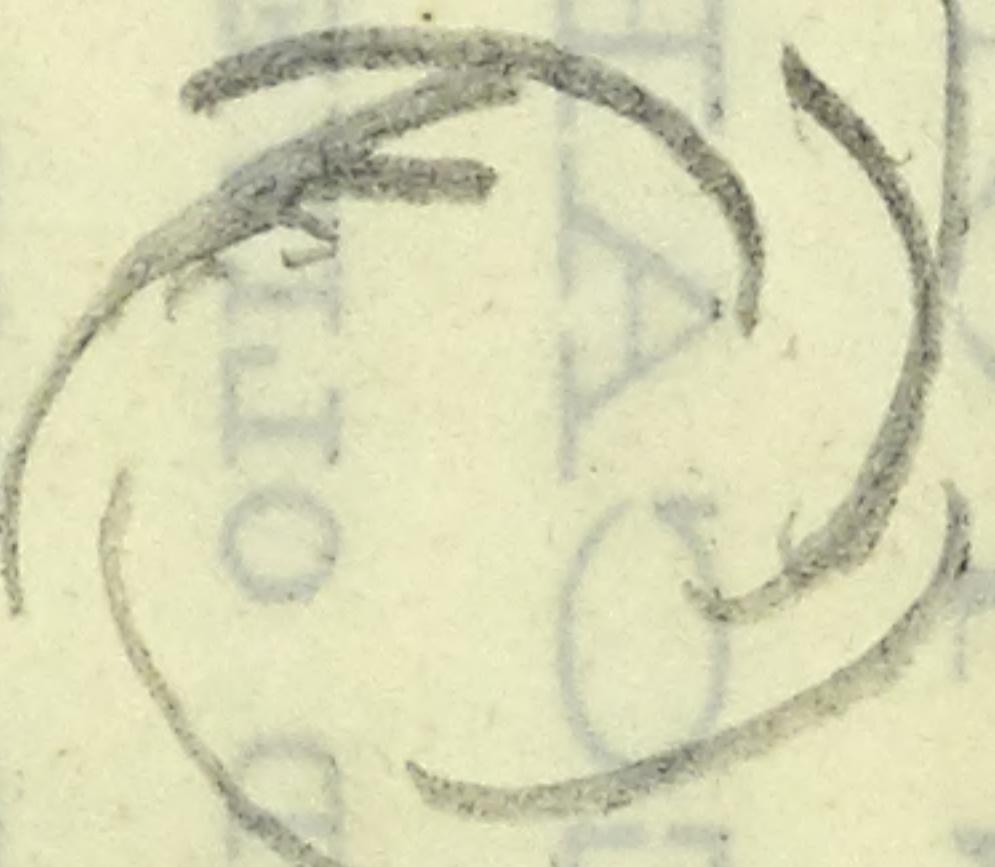
hairy
parts



style $\frac{2}{3}$ united
corolla same

a little after
flowering

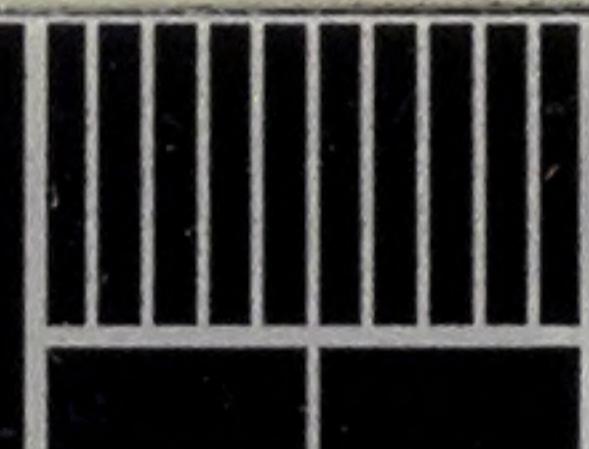
NOTE: MO.



lobes emerge with or
often only ~~old~~ ~~old~~ or
stage
in first flower

shorter

lobes & petals
sometimes spotted!
purple



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
BOTANICAL
GARDEN

3845

T. TANTON,
A POTTHECARY,
CORNER OF SIXTH AND OLIVE STREETS,
ST. LOUIS, MO.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

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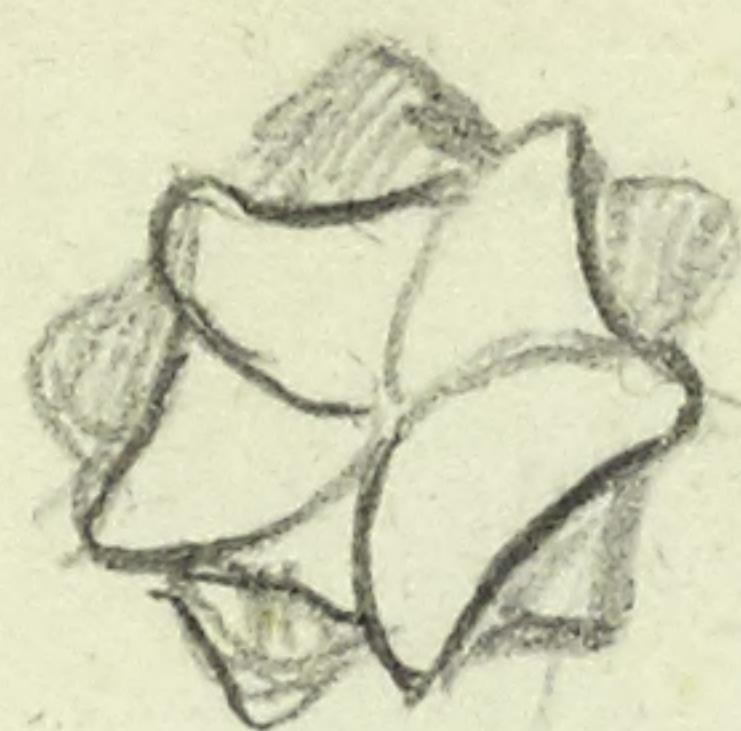


MISSOURI
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GARDEN

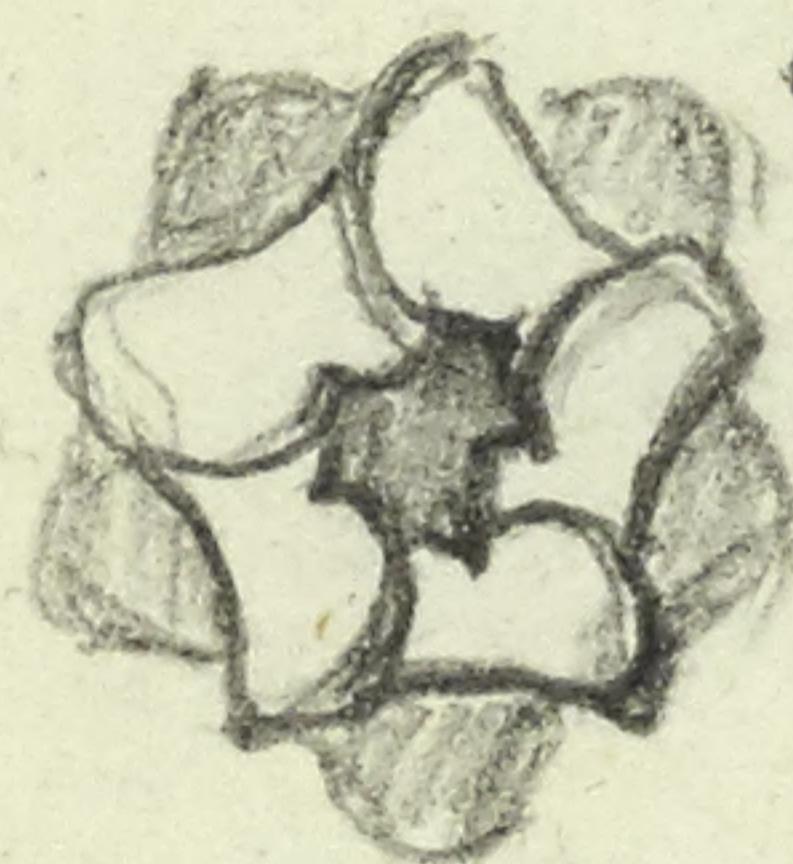
Ellisia ambigua

May 7 1862

5 angles of tube connect to the median line
of petal.



sometimes

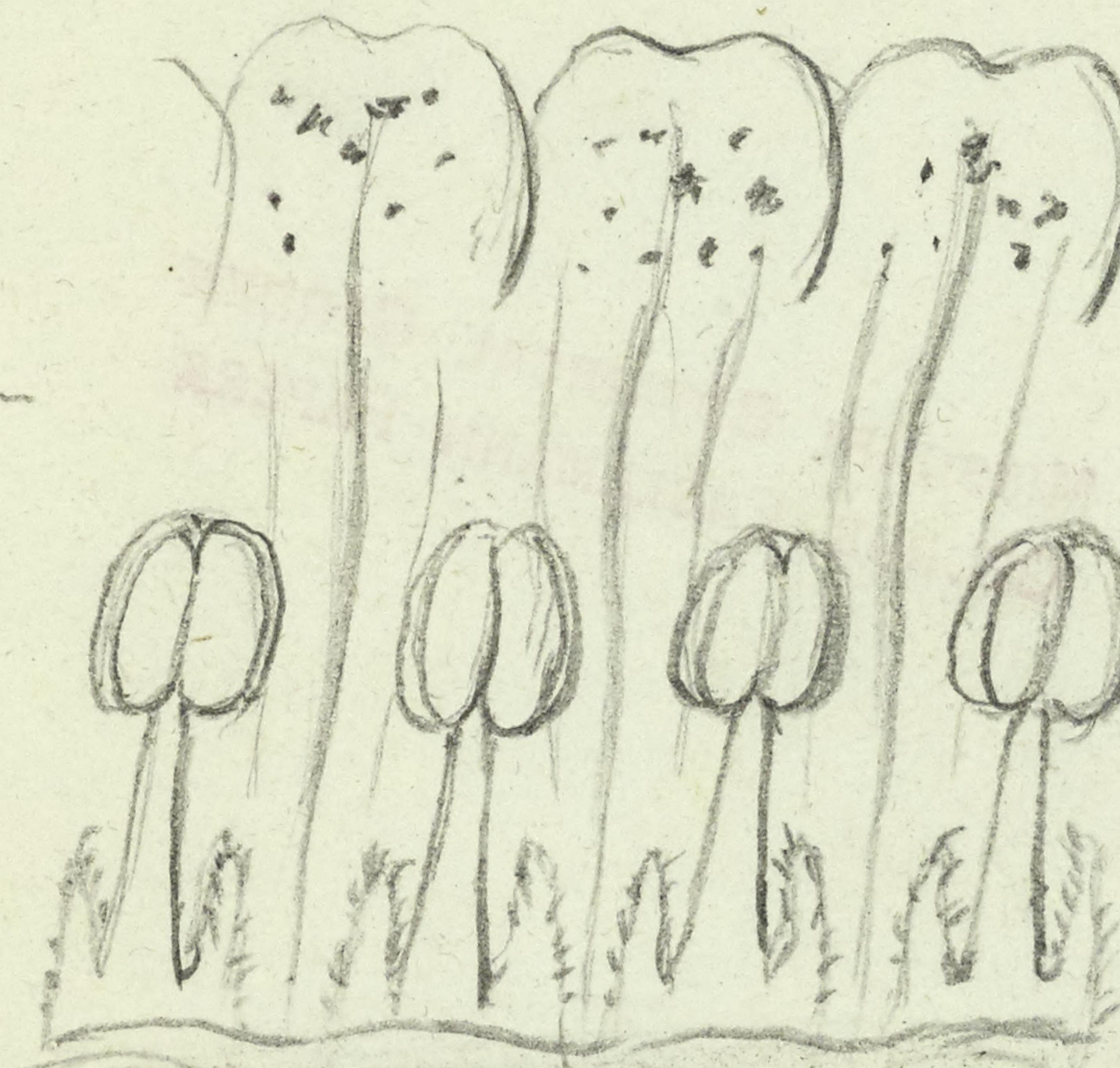
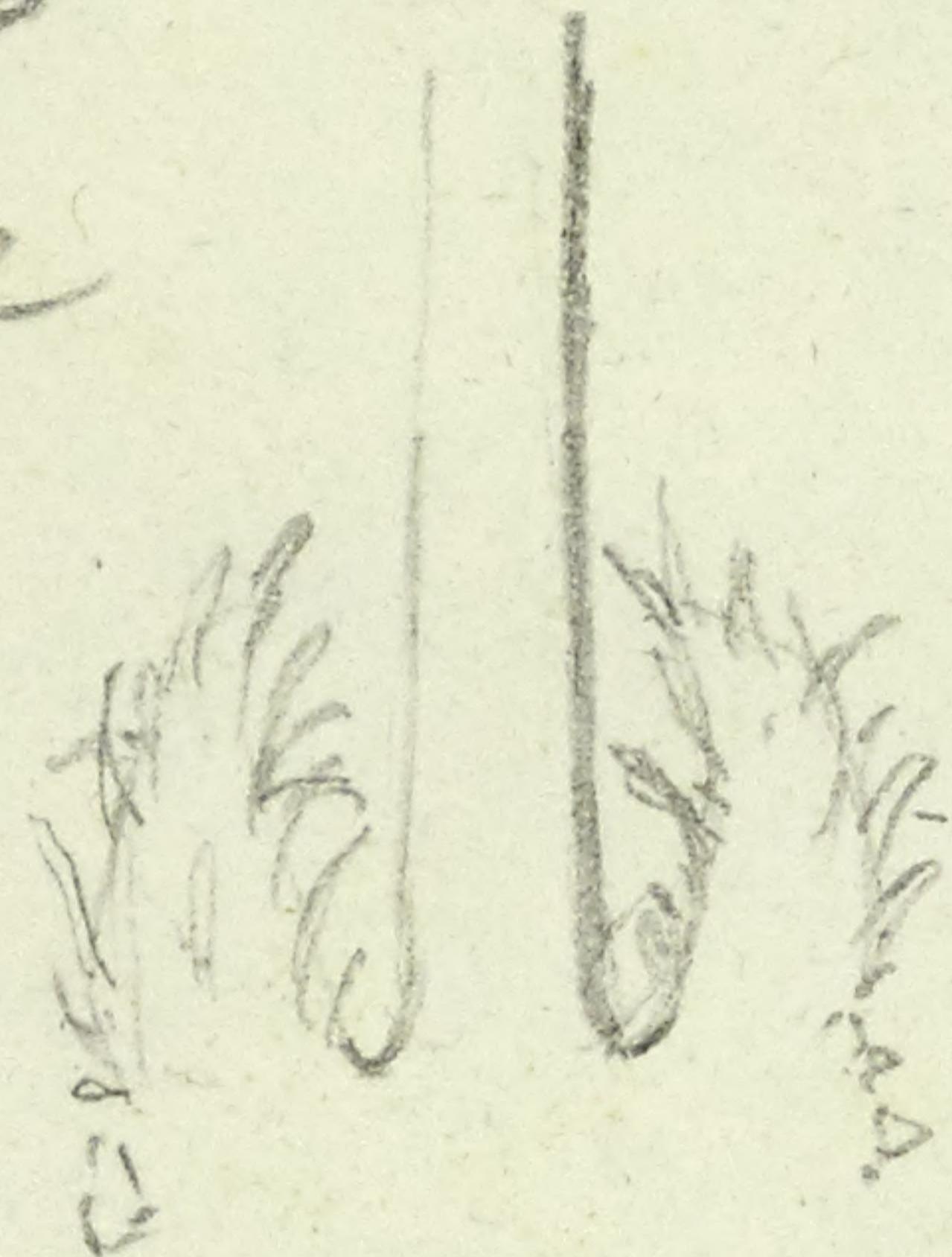


angles of tube

but more open



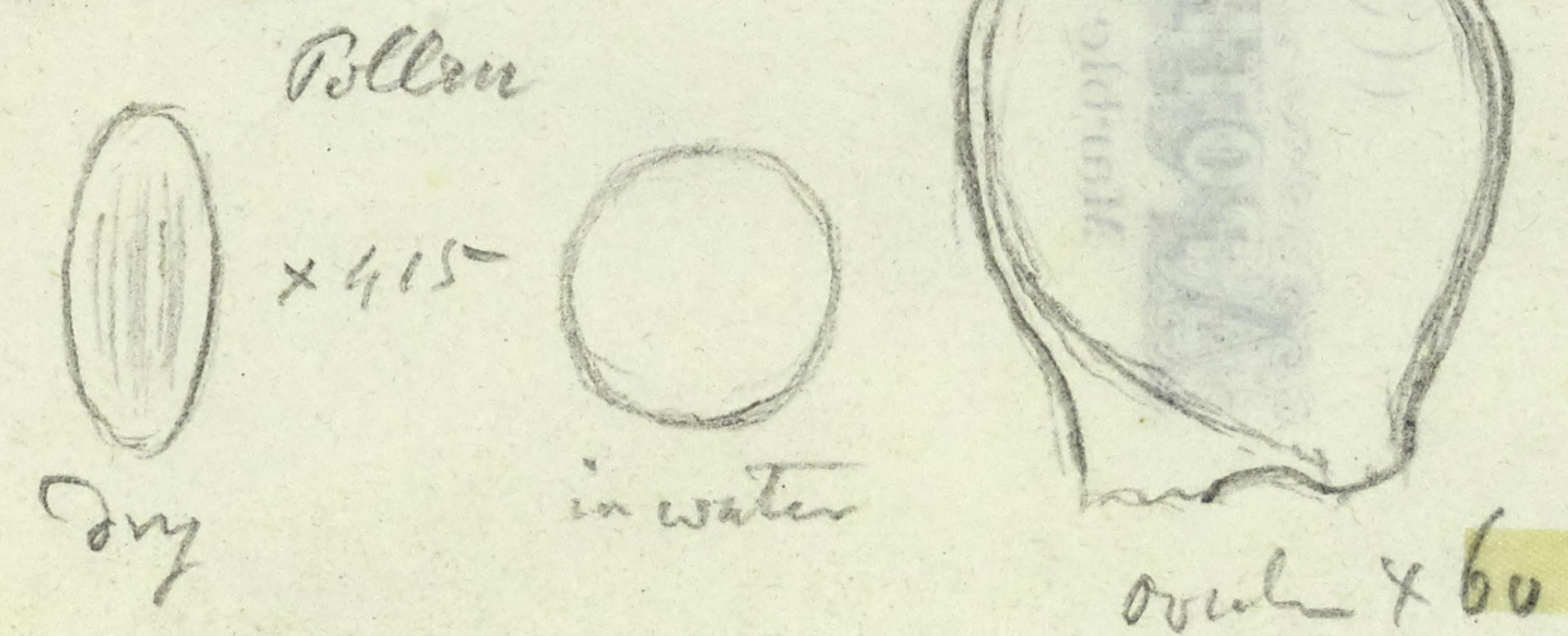
usual



lobes purple-
spotted
3 nerved

TEX

TEX



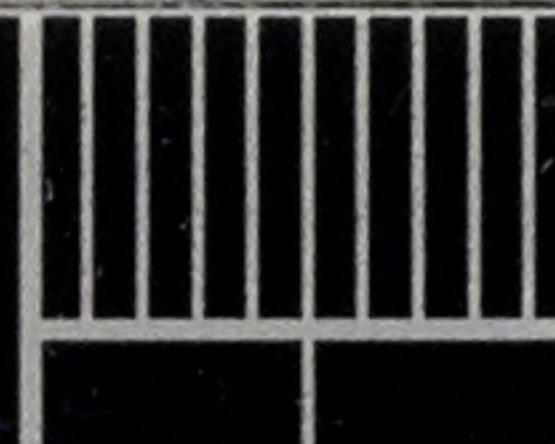
Pollen

dry

x 415

in water

over x 60



0 1 2 3 4 5 6 7 8 9 10

cm

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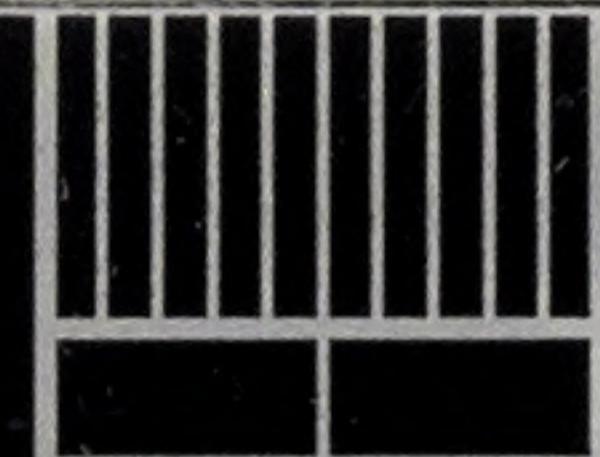
MISSOURI
BOTANICAL
GARDEN

3846

ALEX. LITTCHE
APOTHECARY & PHARMACEUTIST

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

MISSOURI BOTANICAL GARDEN
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0 1 2 3 4 5 6 7 8 9 10
cm

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Ellisia ambigua

June 1860

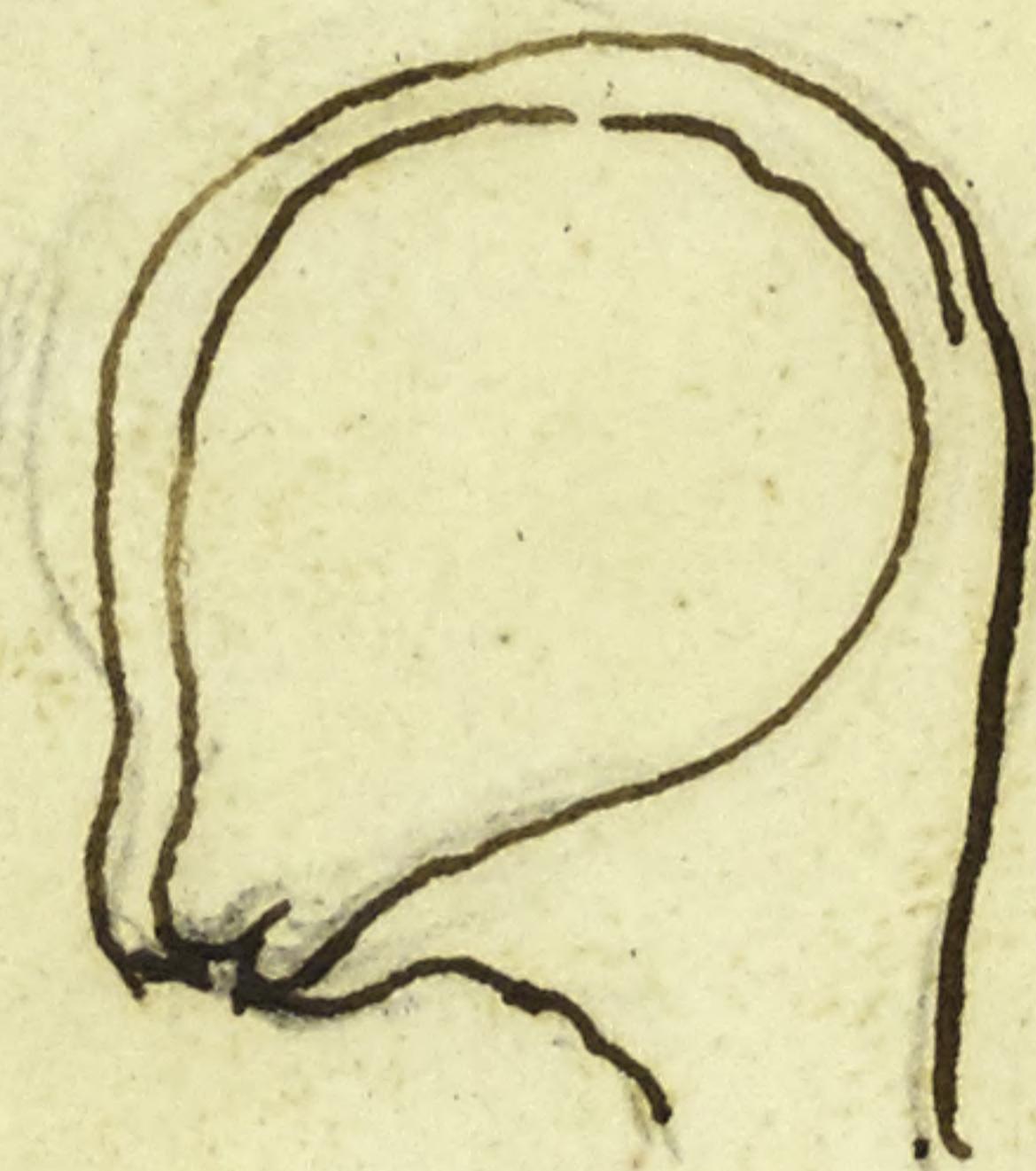


scale at base
of



x60

base of filament
with scales



scales fused, with part of
the flat itself - (apparently
connected at base with the next
scale ?)

ovule: fruiting very short, from base of ovary



0 1 2 3 4 5 6 7 8 9 10

cm

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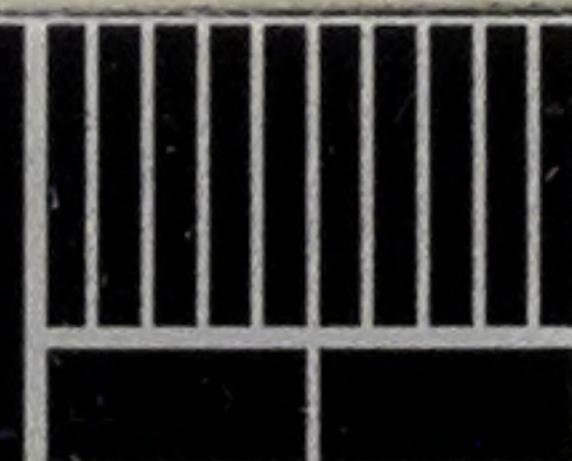


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BOTANICAL
GARDEN

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T. TANTON,
APOTHECARY,
CORNER OF SIXTH AND OLIVE STREETS,
ST. LOUIS, MO.

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GEORGE ENGELMANN PAPERS



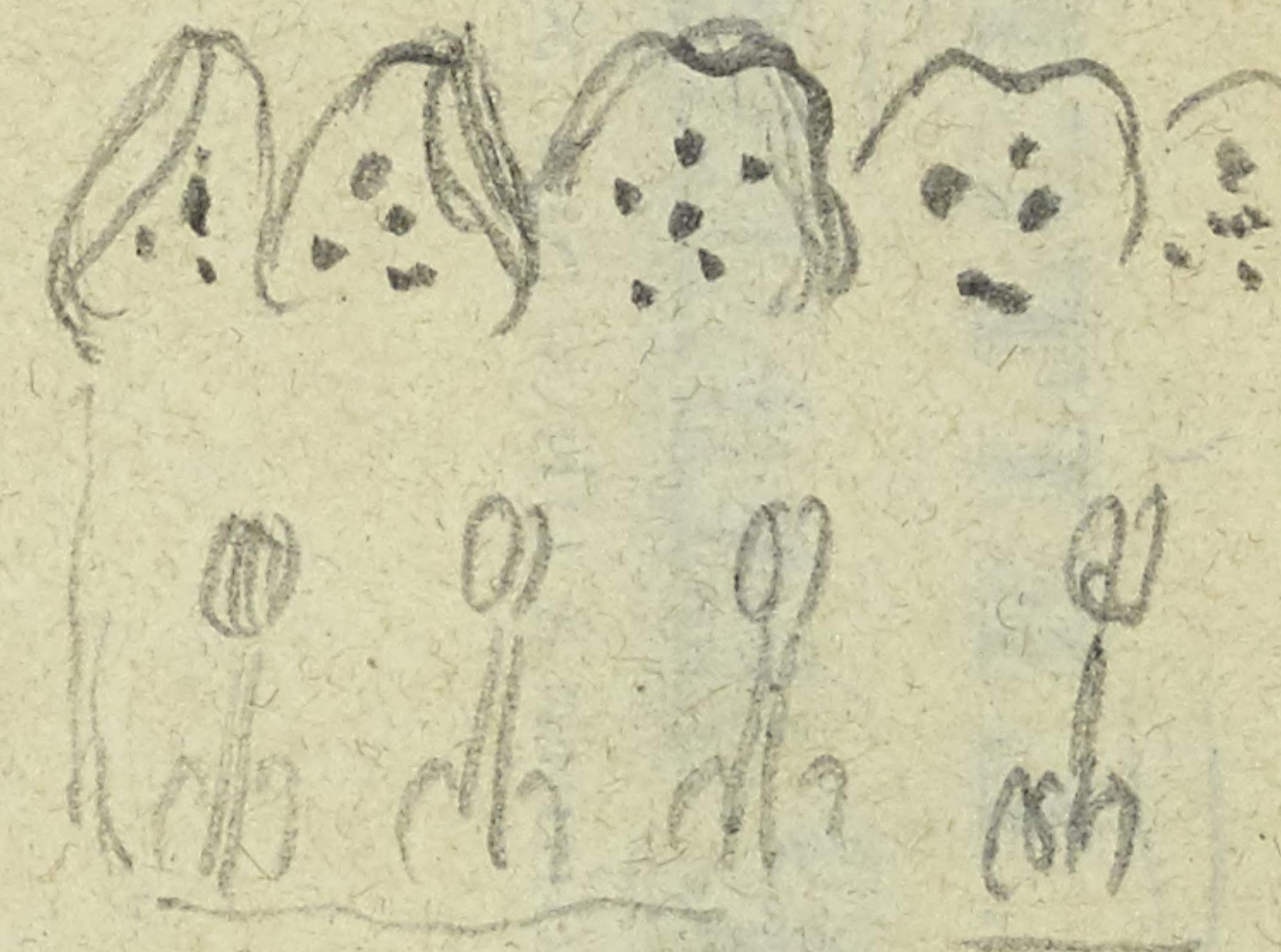
0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved

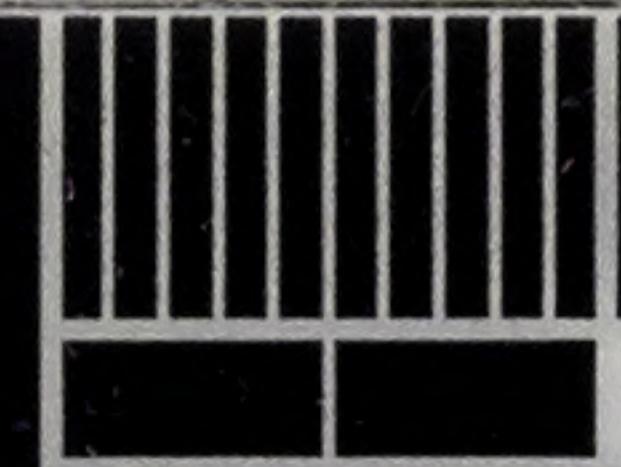


MISSOURI
BOTANICAL
GARDEN

or *E. maculata* n. sp. *Ellisia ambigua* ¹⁸⁶²
x6



lob; orolae late
antis basi auriculatis,
retusis s. emarginatis,
purpureo - maculatis.



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN

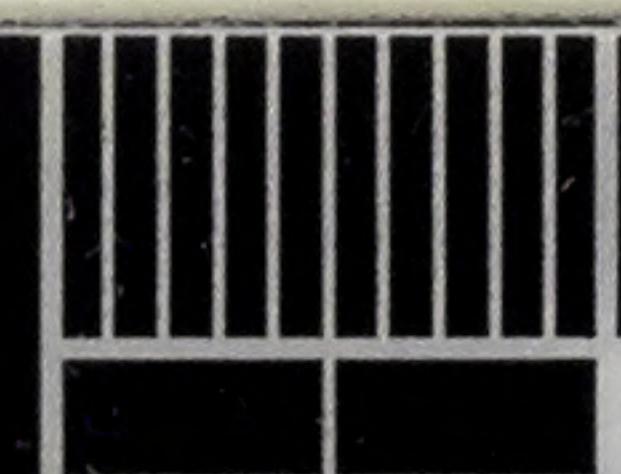
3848

ALEX. ETTCHE.

A. POTTINGER & CO. HARVEAGEUTS.

Marble Building, Cor. Fourth & Olive Sts., St. Louis, Mo.

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0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN

May 1860

E. vanoveri
Memphis Tn

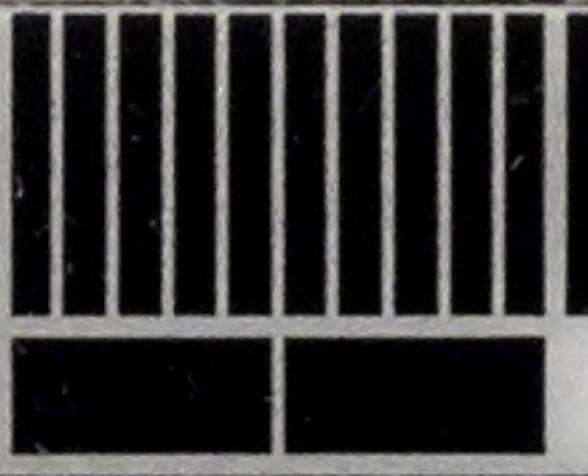


No scales!

ovary naked below
style of same length
single

MISSOURI BOTANICAL GARDEN

RECEIVED BY
YADDETTOGA
DRAWN AND COPIED TO DRAWING
BY JOHN W. HOWARD



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



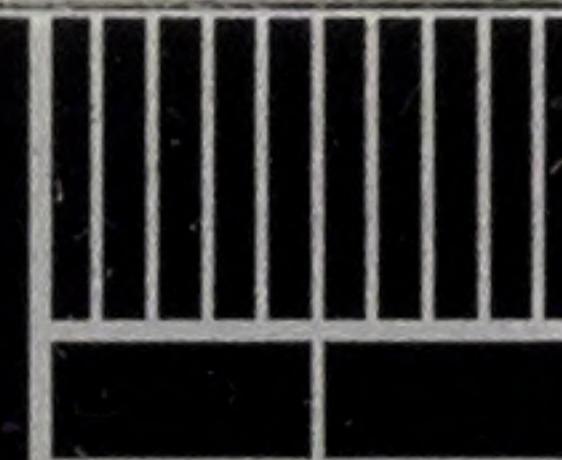
MISSOURI
BOTANICAL
GARDEN

DRUGGIST
APOTHECARY,

CORNER OF SECOND AND WALNUT STREETS,
UNDER BARNUM'S HOEEL,
SAINT LOUIS, MO.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

3849

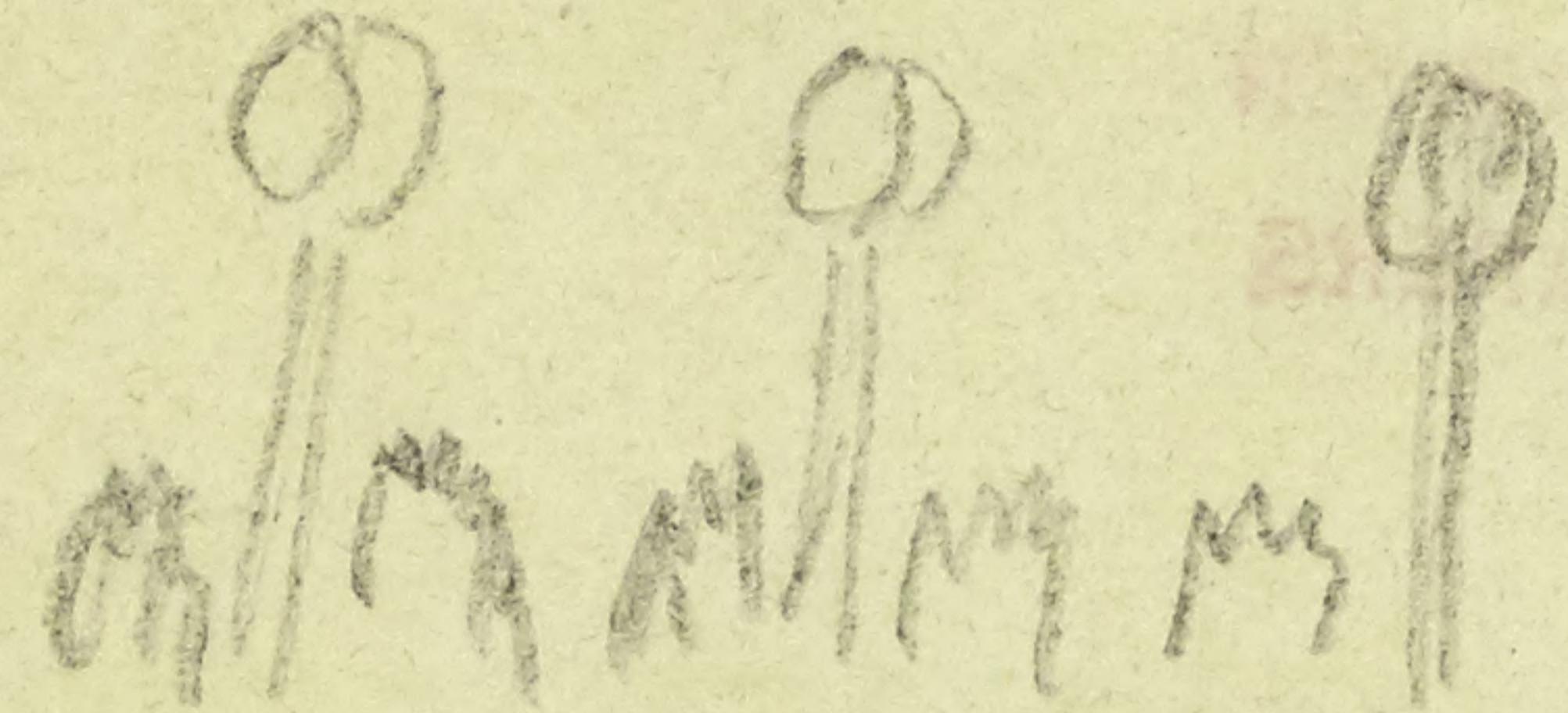
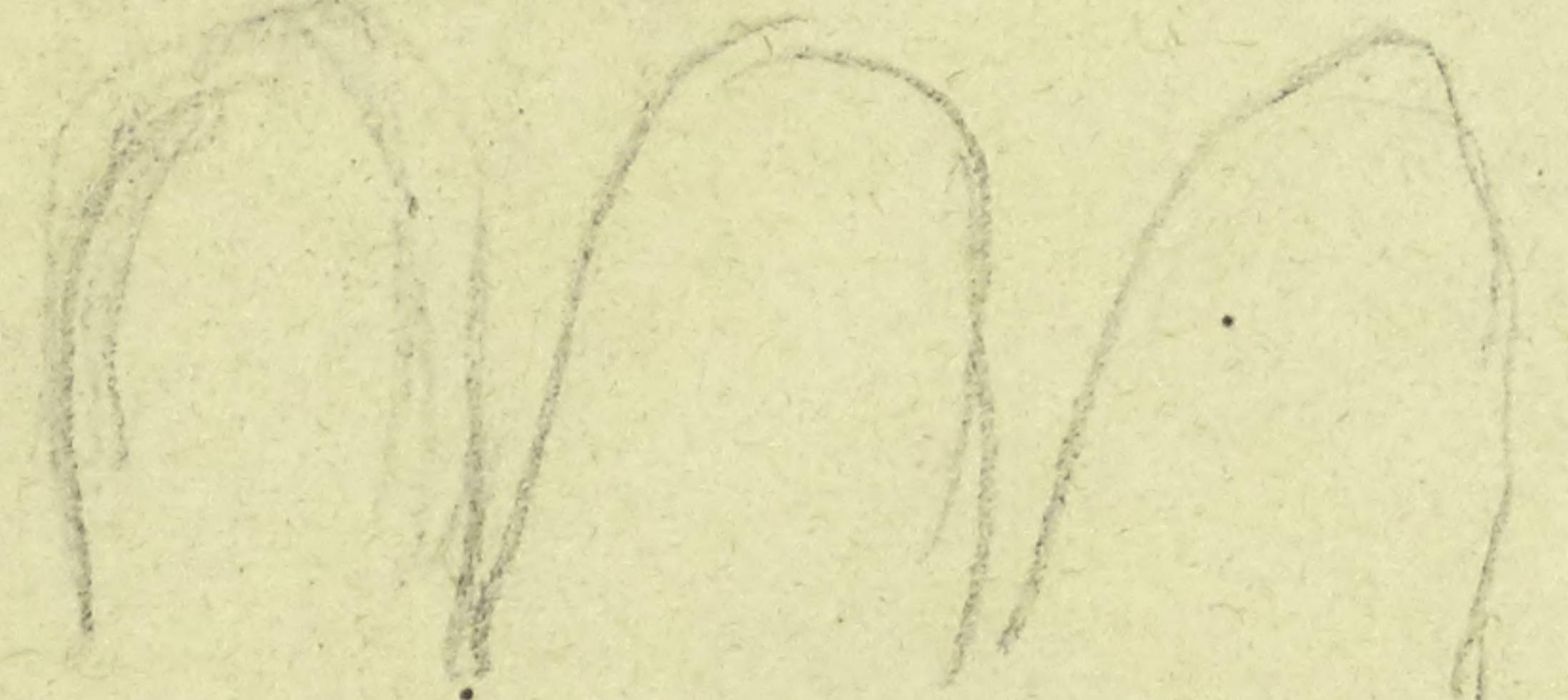


0 1 2 3 4 5 6 7 8 9 10
cm

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Sketching my

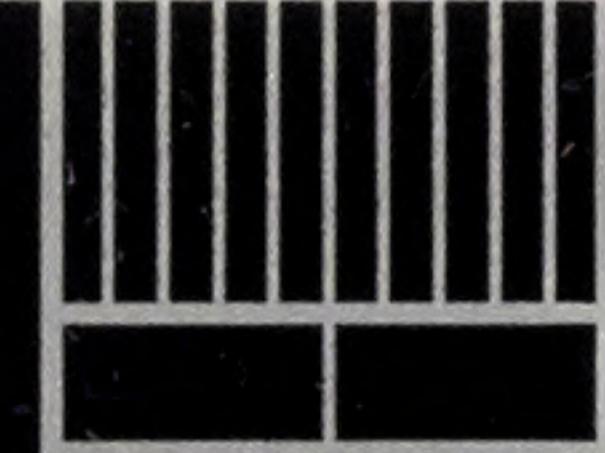
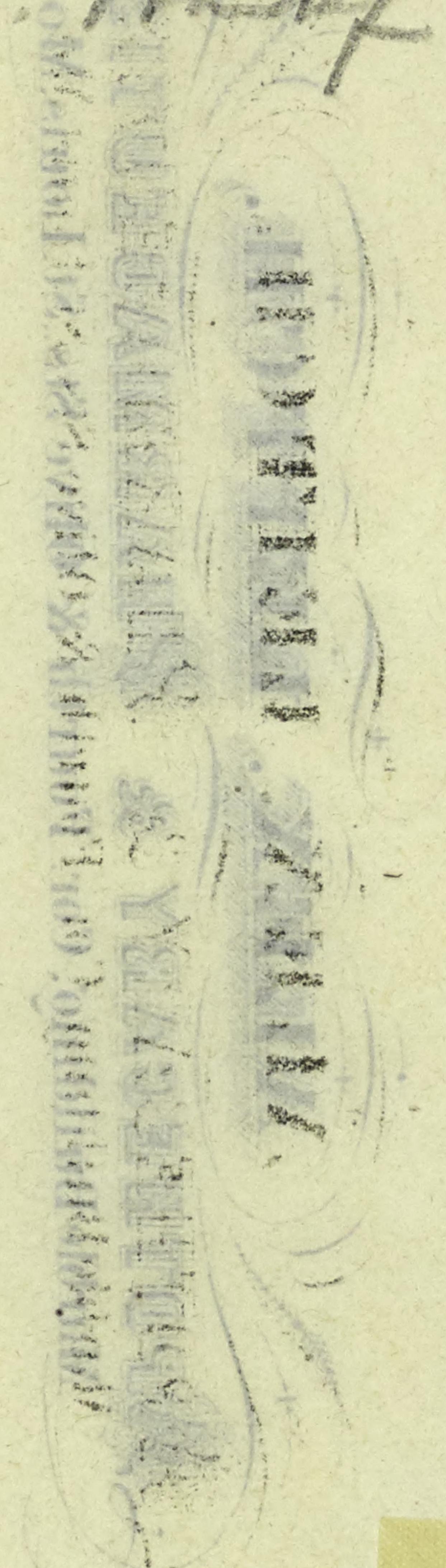
Ellisia Myotilea

1860

Hort Bot. Frankf



1000mm
10000



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN

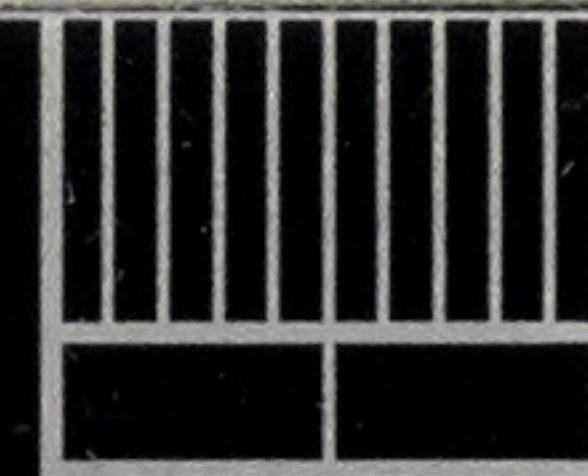
3850

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

LEITCH

PHARMACEUTIST

ALEX. POTHECARY &
Marble Building, Cor. Fourth & Olive Sts., St. Louis, Mo.



0 1 2 3 4 5 6 7 8 9 10

cm

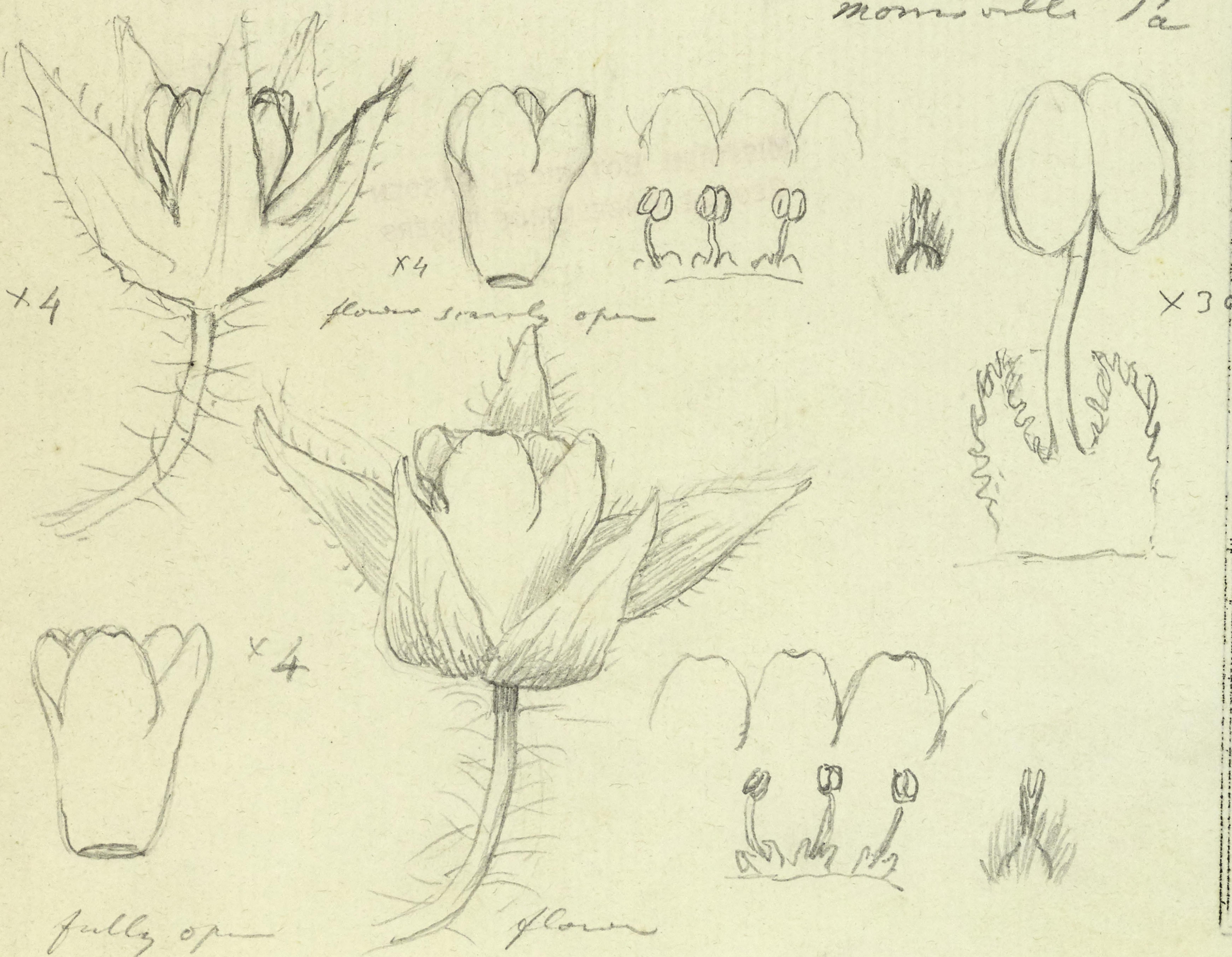
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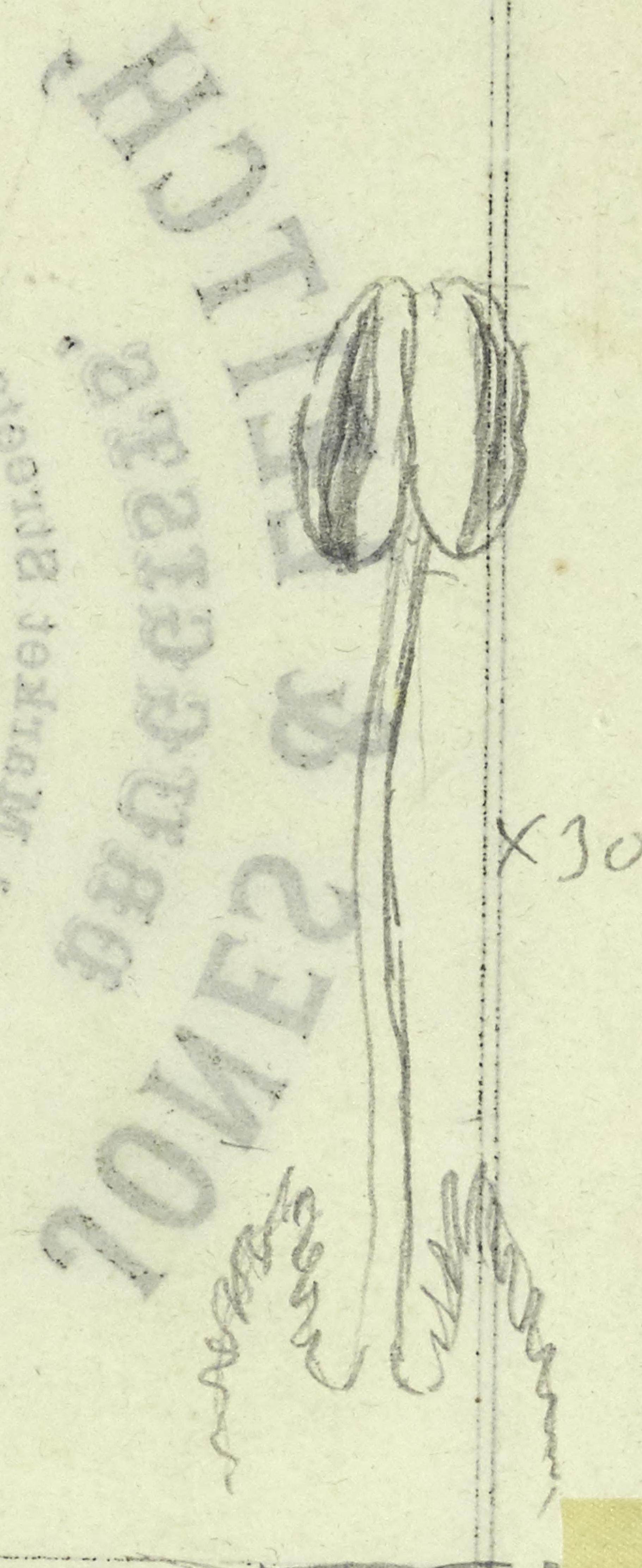
MISSOURI
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GARDEN

Ellisia Nyctelea
monivill Pa

Aug. 1862



CONCERNING THE HISTORY OF
THE PLANTATION OF
THE STATE OF PENNSYLVANIA.



0 1 2 3 4 5 6 7 8 9 10
cm

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MISSOURI
BOTANICAL
GARDEN

3851

JONES & LEITCH,
DRUGGISTS,
Corner Fifth and Market Streets, St. Louis, Mo.

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0 1 2 3 4 5 6 7 8 9 10

cm

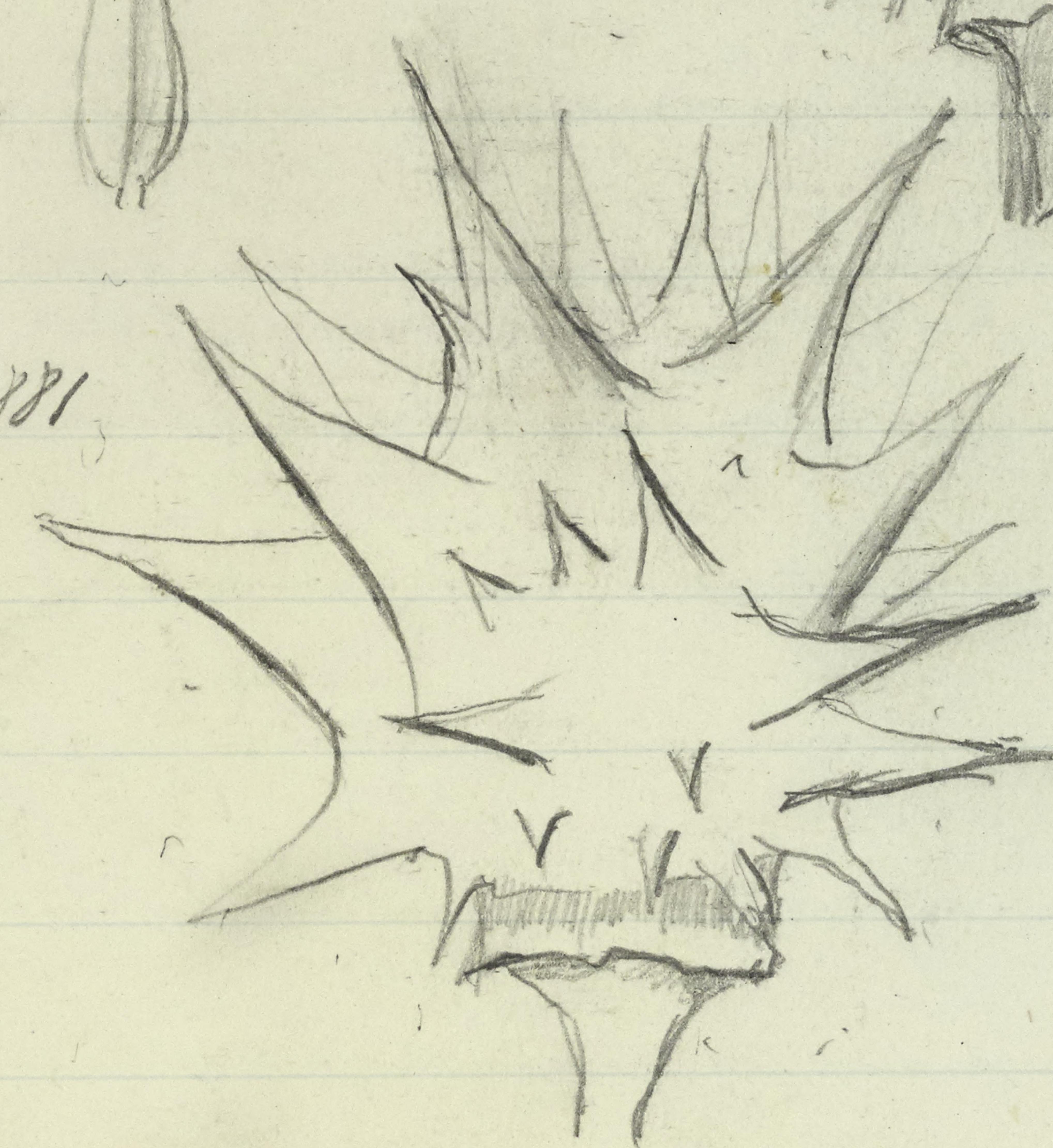
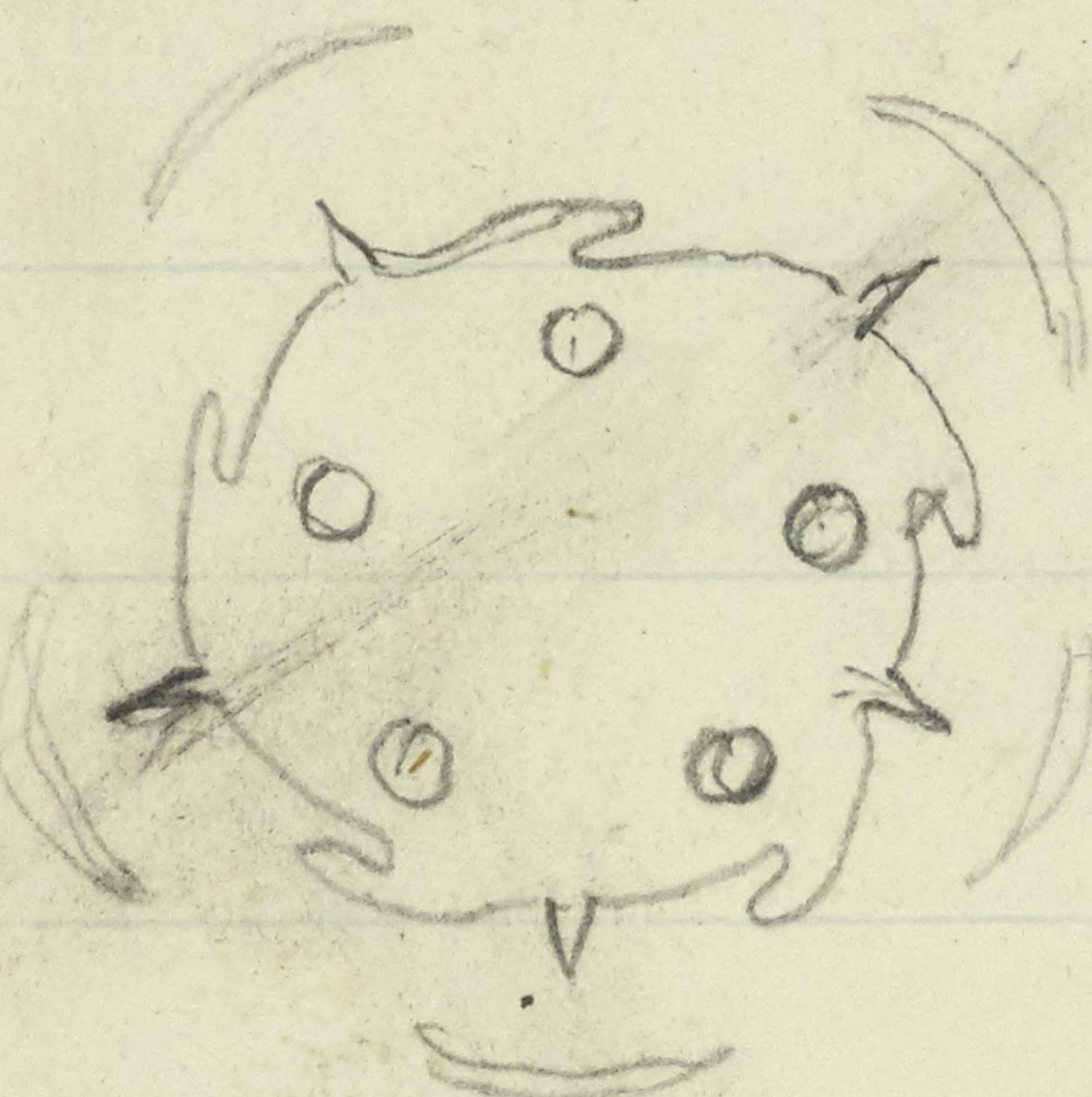
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Datum ~~Tatula~~
Quercifolia

santa fe Sept 8th 1881



0
cm

1 2 3 4 5 6 7 8 9 10

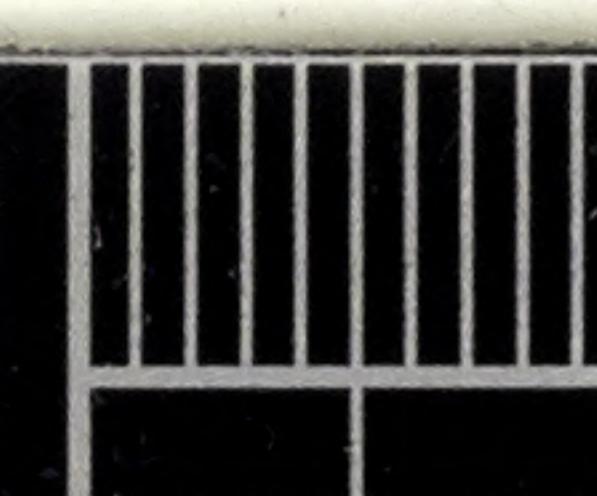
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0 1 2 3 4 5 6 7 8 9 10
cm

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Solanum jasminoides
is the plant every where
cultivated in Italy.



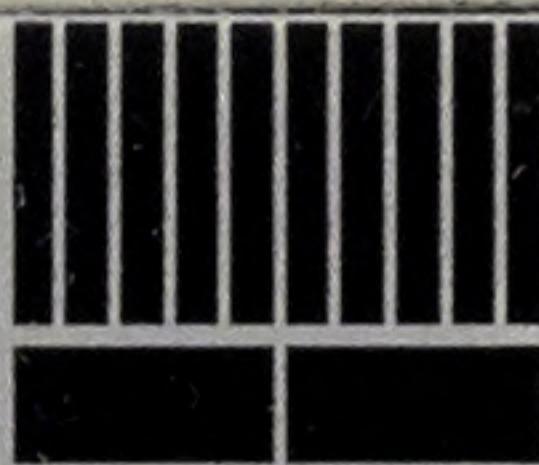
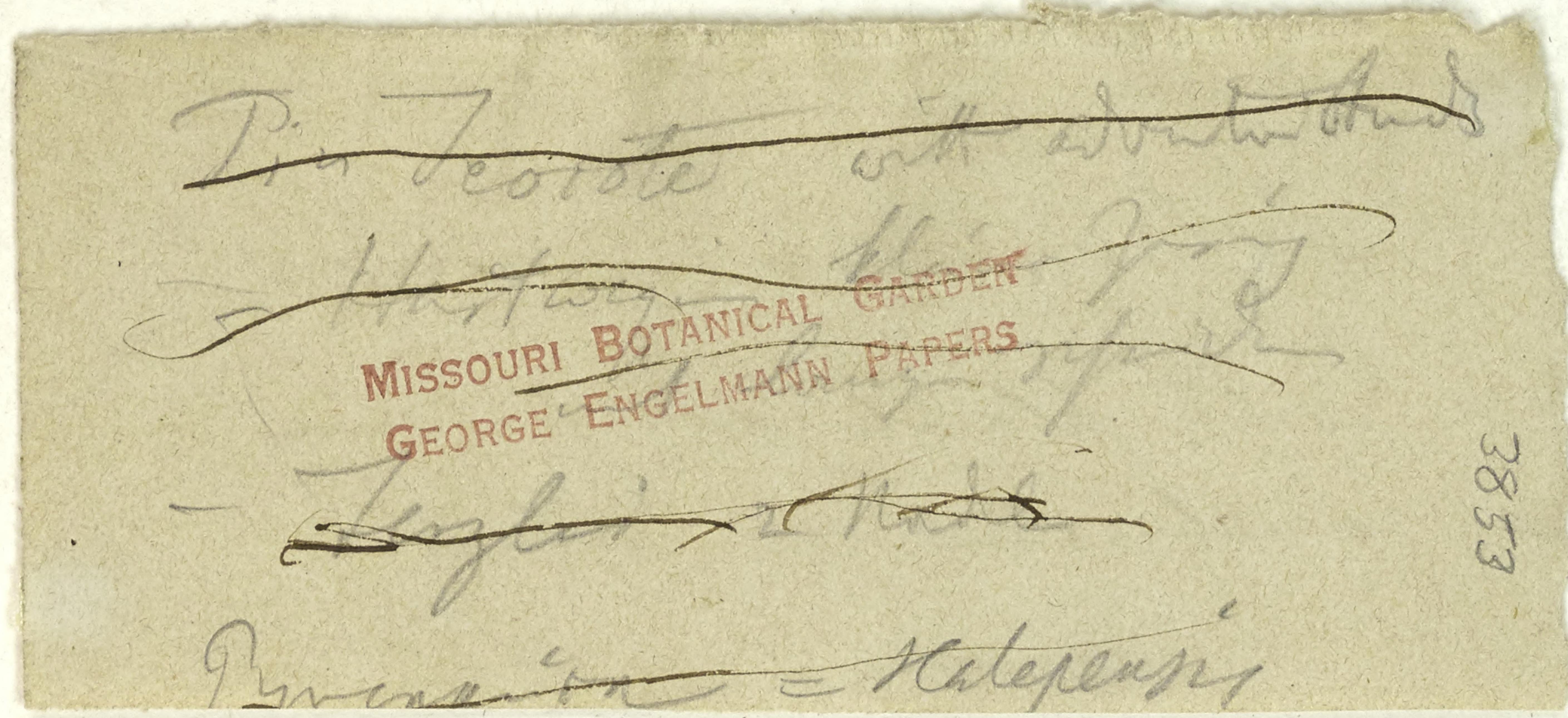
0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

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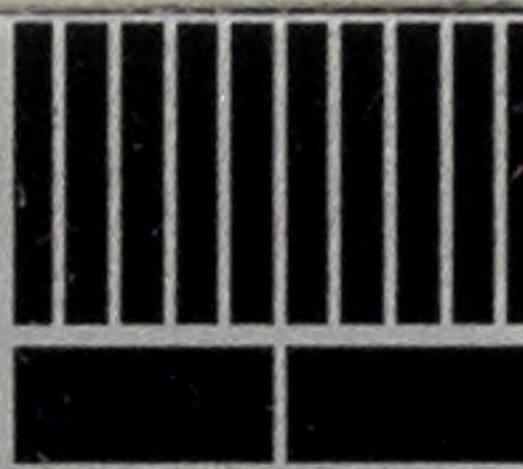


MISSOURI
BOTANICAL
GARDEN

Botanica Texana by A. Gray

Bull. Journ. N. Ser. 22. p. 284.

Verben. 16. p. 296 (3)



0 1 2 3 4 5 6 7 8 9 10

cm

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0 1 2 3 4 5 6 7 8 9 10

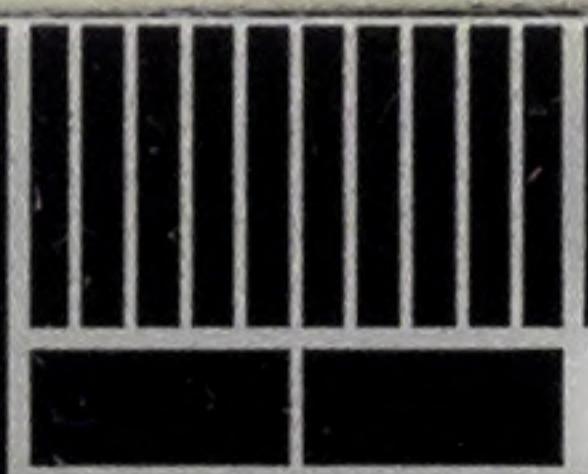
cm

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GARDEN

one hundred Indians, (men, squaws and children,) draw daily rations of beef and flour at this post. They are somewhat annoying, but tractable and docile. Some ten or fifteen miles from here, they cultivate small patches of wheat, corn and Navajo potatoes, (the latter of very small growth—about as large as an ordinary acorn.) The industrious portion of the tribe manufacture blankets and stockings, and tan deer skins for sale. In addition, they raise a number of ponies, cattle and sheep. Some distance from here, (say one hundred miles or so,) they reside in beautiful, fertile



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
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GARDEN

3—Corner of Fifth and Locust streets.
4—Engine House, corner of Third and Locust streets.
5—Turner's Ball, corner of Fifteenth and Walnut streets.

Recruits from neighboring States will be provided with transportation, and be paid from date of enlistment, with subsistence from the time of reporting at the Rendezvous.

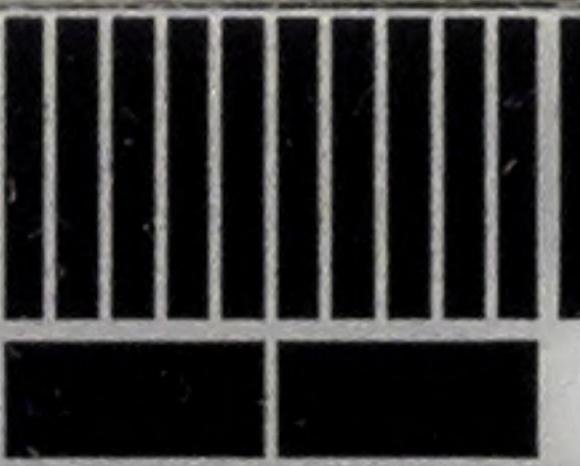
HEAD QUARTERS—130 WALNUT STREET. see

COLONEL PHILLIPS'

R E G I M E N T !

ILLINOIS VOLUNTEERS.

IRISH BRIGADE.



0 1 2 3 4 5 6 7 8 9 10

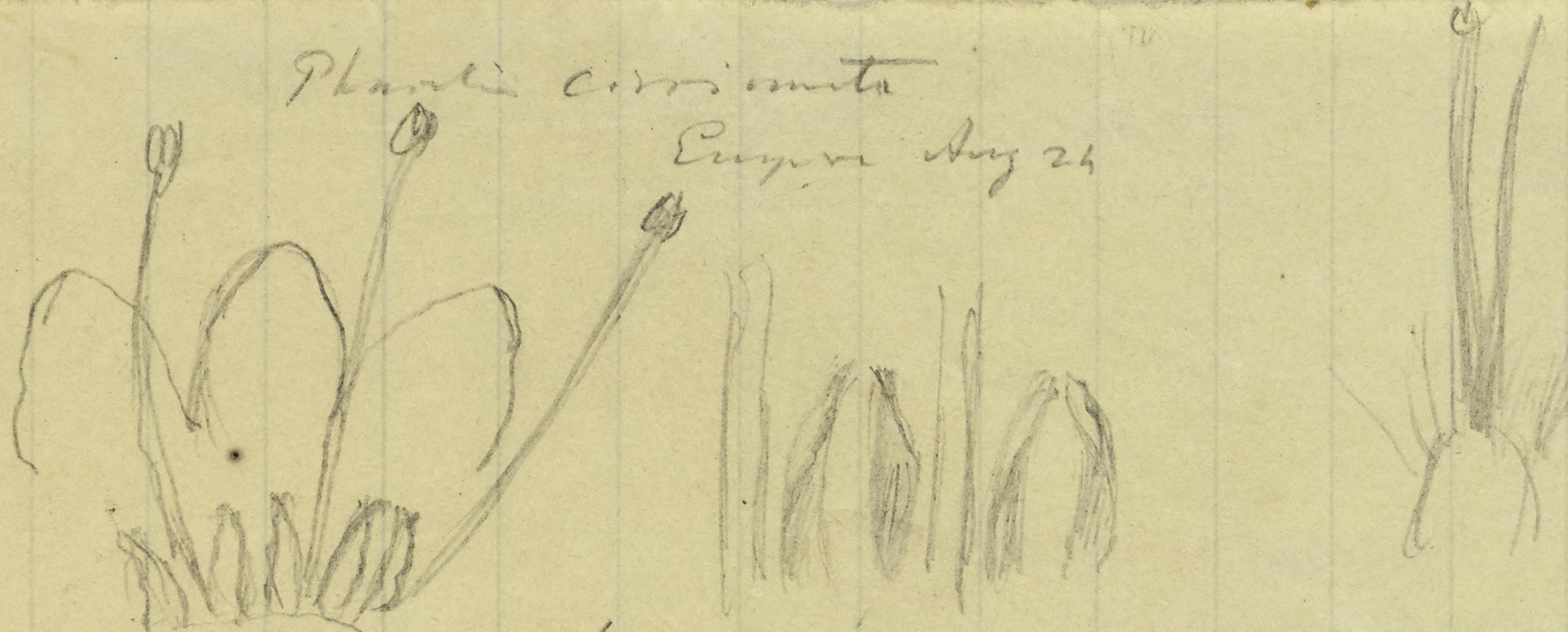
cm

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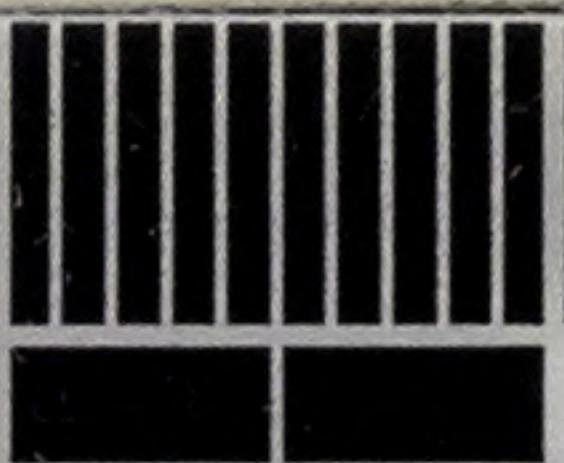


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GARDEN

Phaius tancarvilleae
Enggr. Aug 24



petals at base of filaments
half as long as tube
lanceolate, acute towards
the middle of petal, free towards
filament, concave towards
(the middle of petal ~~acute~~ towards)
the centre of flower



0 1 2 3 4 5 6 7 8 9 10
cm

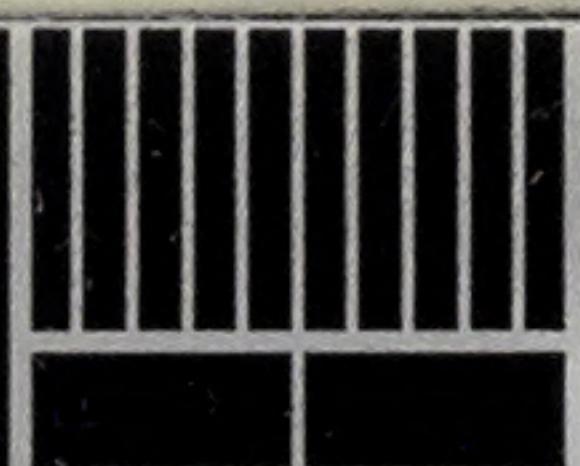
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0 1 2 3 4 5 6 7 8 9 10

cm

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Nyctenium



Liane Loddigesiana

coll. Adonis Aug. 1848

Aestivatio pallidata

varium liberum, bilobulare

capitulum immatum calyx acute
arête circumdata, ~~incomplete~~
bilobulare, (disseminate supra
soluto)

capitulum immatum ~~5-~~ 5-valvatum dehiscent
calyx includens 5-valvatum ^{rum eo} dehiscent
arête adhaerente ideoque ~~disseminate~~ ^{rum eo} disrupta,
placenta centralis, disseminate plane
obliterata



aestivation of
petals in a very
young flower bud



aestivation
in bud just
before opening.



0
cm

1

2

3

4

5

6

7

8

9

10

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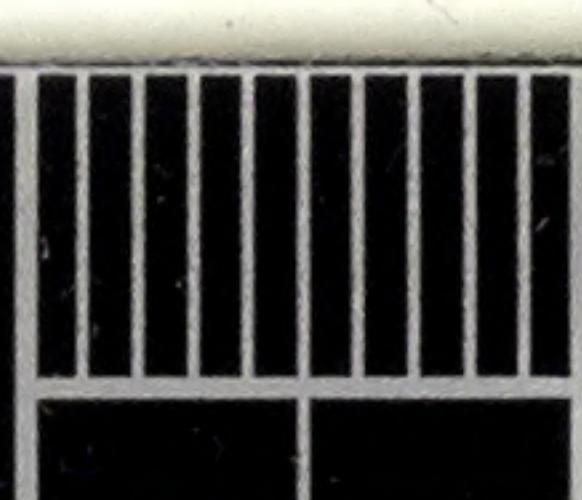


MISSOURI
BOTANICAL
GARDEN

3857



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0
cm

1

3

4

5

6

7

8

9

10

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